



# EXHIBIT B

	Date Range	General Characterization of Experiments Performed During Time Period	Exhibits Demonstrating Experimental Progress in Reduction to Practice of Invention
1	November 14, 1997 - March 10, 1998	Production and screening of anti-human soluble tumor necrosis factor receptor I (sTNFR1) hybridomas	January 29, 1998 – Screening anti-sTNFR Hybridomas Against Native sTNFR1 (notebook page 7)
2	January 20, 1998 - September 4, 1998	<i>In vivo</i> analysis of the role of TNFR1 in tumor survival	<p>January 20, 1998 – sTNFR1 ELISA to Quantify Circulating sTNFR in C3H Mice and sTNFR1 in primary cultures isolated from these Mice (notebook page 3)</p> <p>July 9, 1998 – Total anti-hsTNFR1 Antibody in the Circulation of sTNFR-Immunized Mice (notebook page 71)</p> <p>September 4, 1998 – Antibody Infusion Experiments - Effects of anti-sTNFR1 Antibody (1D3 B1) on L929 Clone 39 Tumor Growth (notebook pages 86-87)</p>
3	March 10, 1998 - May 21, 1998	Cloning and screening of anti-human sTNFR1 Monoclonal Antibody	March 24, 1998 – Anti-hsTNFR1 Monoclonal Antibody ELISA (notebook page 36)
4	May 21, 1998 - August 15, 1998	Purification and characterization of anti-human sTNFR1 monoclonal antibody	<p>May 21-29, 1998 – Purification of 1D3 B1 (anti-sTNFR) Monoclonal Antibody (notebook pages 56-58)</p> <p>July 20-August 8, 1998 – TNF Bioassay - Biological Activity of 1D3 B1 (notebook pages 77-78)</p>
5	September 4, 1998 - January 4, 1999	Data analysis and preparation of results of experiments referenced in Rows 1-4 above; preparation and defense of dissertation of Cheryl L. Selinsky entitled "The Role of Soluble Tumor Necrosis Receptor Type I in Tumor Survival"	November 23, 1998 - Cover pages from dissertation showing defense date
6	January 4, 1999 - March 12, 1999	<p>Purification and Cloning of recombinant soluble TNFR1</p> <p>Continued evaluation of sTNFR1 monoclonal antibodies</p>	<p>January 4, 1999 – Purification of sTNFR1 from Transfectant HeLa Supernatant (notebook pages 5-9)</p> <p>February 17, 1999 – ELISAs of 1D3 B1 Binding to sTNFR as Capture and Detection Antibody (notebook page 29)</p>

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7	March 12, 1999 - April 28, 1999	Identification of protease responsible for cleavage of sTNFRI	March 25-30, 1999 – Screening J774A.1 Clones for sTNFR Production by ELISA (notebook pages 32-34)
8	April 27, 1999 - September 22, 1999	Further cloning, purification, and testing of sTNFRI, using various purification tags, procedures, and expression systems	<p>April 27-May 24, 1999 – Subcloning hsTNFRI into pViet (His-tagged) vector (notebook pages 49-56)</p> <p>June 6-12, 1999 – Purification of rhsTNFRI Under Non-Denaturing Conditions via His-Tag (notebook pages 59-61)</p> <p>July 7, 1999 – Purification of hsTNFRI-Streptag (notebook page 72)</p> <p>August 9, 1999 – ELISA for rhsTNFRI Binding to TNF-<math>\alpha</math> (Detection via Strep-tag) (notebook page 77)</p> <p>September 1-8, 1999 – Expression and Purification of hsTNFRI from pASK60/hsTNFRI (notebook pages 81-85)</p>
9	September 22, 1999	Depletion of sTNFRI from human plasma samples using anti-sTNFRI antibodies bound to a matrix	September 22-26, 1999 – Depletion of sTNFRI from Human Plasma (notebook pages 91-95)
10	September 22, 1999 - November 20, 1999	<p>Continue optimization and study of sTNFRI and role in tumor survival</p> <p>Preparation and filing of U.S. Patent Application Serial No. 09/444,144 by inventors</p>	<p>October 4, 1999 – Characterization of Clone 7-derived sTNFRI Binding to TNF (Inhibition by anti-sTNFRI Antibody)</p> <p>October 10, 1999 – Characterization of Clone 7-derived sTNFRI Binding to TNF (Inhibition by anti-TNF Antibody)</p>